

Docket No.: 203973US0X

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :  
Bettina MOECKEL et al : ATTN: BOX SEQUENCE  
SERIAL NO. NEW U.S. APPLICATION :  
FILED: HEREWITH :  
FOR: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE  
LYSR3 GENE

SEQUENCE LISTING STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Applicants submit a Sequence Listing and a corresponding computer-readable Sequence Listing. The sequence information recorded in the corresponding computer-readable Sequence Listing is identical to the paper copy of the Sequence Listing. Support for all of the sequences listed in the Sequence Listing is found in the present application as filed herewith.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



**22850**

A handwritten signature in black ink, appearing to read 'Norman F. Oblon'.

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# SEQUENCE LISTING

<110> MOCKEL, BETTINA

KREUTZER, CAROLINE

<120> NUCLEOTIDE SEQUENCES WHICH CODE FOR THE LYSR3 GENE

<130> 203973US0X

<150> DE10039049.8

<151> 2000-08-10

<160> 5

<170> PatentIn version 3.0

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<211> 1032

<212> DNA

<213> Corynebacterium glutamicum

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                Val Ile Arg Ile Leu Leu Ala Asp Asp His Pro

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gag ata gtg gac atg gtg ggc acc cca gat gat gcc gtt gcg cgc gcc				329
Glu Ile Val Asp Met Val Gly Thr Pro Asp Asp Ala Val Ala Arg Ala				
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Ala Glu Gly Gly Val Asp Val Val Leu Met Asp Leu Arg Phe Gly Asp				
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caa cca ggc atc gag gtc gcc ggc ggg gta gag gca acg cgt cgc atc				425
Gln Pro Gly Ile Glu Val Ala Gly Gly Val Glu Ala Thr Arg Arg Ile				
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cgt gcg ctg gac aac ccg cca cag gta ctg gtg gtg acc aac tac tcc				473
Arg Ala Leu Asp Asn Pro Pro Gln Val Leu Val Val Thr Asn Tyr Ser				
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Thr Asp Gly Asp Val Val Gly Ala Val Ser Ala Gly Ala Val Gly Tyr				
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Leu Leu Lys Asp Ser Ser Pro Glu Asp Leu Ile Ala Gly Val Arg Asp				
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Ala Ala Arg Gly Glu Ser Val Leu Ser Lys Gln Val Ala Ser Lys Ile				
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Met Gly Arg Met Asn Asn Pro Met Thr Ala Leu Ser Ala Arg Glu Ile				
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Lys Lys Leu Phe Leu Thr Glu Ala Thr Val Lys Ser His Met Gly His				
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Val Phe Asn Lys Leu Asp Val Thr Ser Arg Thr Ala Ala Val Ala Glu				
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Ala Arg Gln Arg Gly Ile Ile				
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Pro Pro Gln Val Leu Val Val Thr Asn Tyr Ser Thr Asp Gly Asp Val  
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Val Gly Ala Val Ser Ala Gly Ala Val Gly Tyr Leu Leu Lys Asp Ser  
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Ser Pro Glu Asp Leu Ile Ala Gly Val Arg Asp Ala Ala Arg Gly Glu  
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Ser Val Leu Ser Lys Gln Val Ala Ser Lys Ile Met Gly Arg Met Asn  
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Asn Pro Met Thr Ala Leu Ser Ala Arg Glu Ile Glu Val Leu Ser Leu  
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Val Ala Gln Gly Gln Ser Asn Arg Glu Ile Gly Lys Lys Leu Phe Leu  
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Thr Glu Ala Thr Val Lys Ser His Met Gly His Val Phe Asn Lys Leu

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Asp Val Thr Ser Arg Thr Ala Ala Val Ala Glu Ala Arg Gln Arg Gly  
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&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: synthetic DNA

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